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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,127	12/15/2003	Jose La Rosa Ducato	P03,0574	3610

7590 02/21/2007	
SCHIFF HARDIN & WAITE	EXAMINER
Patent Department	HUYNH, CONG LAC T
6600 Sears Tower	
233 South Wacker Drive	ART UNIT / PAPER NUMBER
Chicago, IL 60606	2178

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2178	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/21/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

PTOL-90A (Rev. 10/06)

	Application No.	Applicant(s)	
Office Action Summary	10/736,127	DUCATO ET AL.	
	Examiner	Art Unit	
	Cong-Lac Huynh	2178	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a).. In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *16 January 2007*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *41-56* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *41-56* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to communications: RCE filed 1/16/07 to the application

filed on 12/15/03, priority 12/20/02.

2.   Claims 1-13 were canceled previously. Claims 13-40 are canceled.

3.   Claims 41-56 are added.

4.   Claims 41-56 are pending in the case. Claims 41 and 49 are independent

claims.

5.   The 102 rejections on claims 13-14, 17, 21, 27-28, 31, 35 and 103 rejections on

claims 15-16, 18-19, 29-30, 32-33, 20, 22-23, 34, 36-37, 24-26, 38-40 have been

withdrawn in view of the cancellation of claims 13-40.

Priority

6.   Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which

papers have been placed of record in the file.

Information Disclosure Statement

7.   The IDSs AL and AR are not considered since there are no translations for these

documents. The AT document "Advanced Function Presentation—Programming Guide

and Line Data Reference" is not considered since it is the same as the AS document,

which is considered. The "Mixed Object Document Content Architecture Reference"

should be AT instead of AU.

Claim Rejections - 35 USC § 102

8.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9.   Claims 41-44, 49-52 are rejected under 35 U.S.C. 102(b) as being anticipated by

Ooishi et al. (US 5,699,524, 12/16/97).

Regarding independent claim 41, Ooishi discloses:

-   creating in a first computer a document data stream having a given font

    associated therewith, said document data stream being transmittable to a second

    computer (figures 1 and 3, col 4, lines 40-51, col 5, lines 3-32)

-   providing font conversion information for replacing said given font with a target

    font in said second computer when the target font is not available in said second

    computer (figure 3, col 4, lines 41-59, col 6, lines 45-56: the code conversion

    table, which includes the conversion information, is provided for replacing the

    font file 7a with the target font 7b in the reception side 4b)

-   transferring from a first computer to a second computer in a file with the

    document data stream said font conversion information together with and in

    direct association with the document data stream so that at any point in time at

    which the document data stream should be output by said second computer the

    font conversion information associated with the document data stream is

available (figure 3, col 2, lines 40-55, col 4, lines 41-59, col 6, line 40 to col 7, line

28: document data and the font conversion information are transferred from the

first computer to the second computer and the document data would be output

with the font converted to be suitable at the second computer)

- in said second computer converting said document data stream to said target

  font by use of said font conversion information (col 6, line 65 to col 7, line 28)

- said document data stream comprising an advanced function presentation data

  stream, said font conversion information comprising a font conversion table

  stored in a resource file, and said resource file comprising an object container

  (figures 3 and 5, col 5, line 25 to col 6, line 29, 45-56: the delivery data is the

  presentation data stream with can be flexibly converted to be matched the font of

  the reception side, which is an advanced function; the font conversion

  information included in the file of the character code managing device, which is

  an object container 4a or 4b containing objects)

Regarding claim 42, which is dependent on claim 41, Ooishi discloses the document

data stream is for output on an output device (col 7, lines 3-15: data in the data stream

is for output on a display device; col 4, lines 6-10).

Regarding claim 43, which is dependent on claim 42, Ooishi discloses that said font

conversion information comprises font conversion table provided as a resource (col 2,

lines 35-55, col 5, lines 39-50, col 6, line 65 to col 7, line 23).

Regarding claim 44, which is dependent on claim 42, Ooishi discloses that said font

conversion information comprises font conversion table stored in a resource file (col 2,

lines 35-55, col 5, lines 39-50, col 6, line 65 to col 7, line 23).

Claims 49-52 are for a system for performing method claims 41-44 and are rejected

under the same rationale.

Claim Rejections - 35 USC § 103

10.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

11.   Claims 45 and 53 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Ooishi as applied in claim 13 above, and further in view of Hirtenreiter et al. (US

2004/0036694, 2/26/04, filed 4/9/01).

Regarding claim 45, which is dependent on claim 41, Ooishi does not disclose that a

selection of the object container occurs via a job corollary file.

Hirtenreiter discloses selection of the object container occurs via a job corollary file

([0009], [0031]-[0032]).

It would have been obvious to one of ordinary skill in the art at the time of the invention

was made to have combined Hirtenreiter into Ooishi since said selection of the object

container in Hirtenreiter would provide the advantage to effectively render the document

data stream for output via printing.

Claim 53 is for a system for performing method claim 45, and is rejected under the

same rationale.

12.   Claims 46-48, 54-56 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Ooishi as applied in claim 41 above, and further in view of Manning (US Pat No.

6,043,826, 3/28,00, 9/2/97).

Regarding claim 46, which is dependent on claim 41, Ooishi discloses the document

data and the font file at the second system (figure 3).

Ooishi does not disclose rastered document data are generated character-by-character

and pixel-by-pixel in a rastering process using the target font and the document data.

Manning discloses rastered document data are generated character-by-character and

pixel-by-pixel in a rastering process using the target font and the document data (col 5,

lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention

was made to have combined Manning into Ooishi for obtaining rastered document data

based on the target font, which is the font file at the receiving side, and the data

transmitted to the target system.

Regarding claim 47, which is dependent on claim 46, Ooishi does not disclose that the raster matrices are used in the rastering process in which dot patterns of associated characters are stored.

Manning discloses that the raster matrices are used in the rastering process in which dot patterns of associated characters are stored (col 5, lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Manning into Ooishi for obtaining dot patterns of the characters of data during rastering process.

Regarding claim 48, which is dependent on claim 41, Ooishi does not disclose that the document data are generated pixel-by-pixel in a vector-allocation process using the target font and the document data.

Manning discloses that the document data are generated pixel-by-pixel in a vector-allocation process using the target font and the document data (col 5, lines 14-46).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to have combined Manning into Ooishi for obtaining data generated pixel-by-pixel using the target font in the data file at the receiving side and the data file transmitted to the receiving side.

Claims 54-56 are for a system for performing method claims 46-48, and are rejected under the same rationale.

Conclusion

13.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takahashi (US 5,812,743). Nakatsuji et al. (US 6,633,292).

Nakatsuji et al. (US 2001/0043214). Kawabata et al. (US 2001/0052901).

Mo (US 2002/0010725). Ohtsuji et al. (US 2002/0181988).

Nguyen (US 2004/0002385). Yoshida et al. (US 2004/0051893).

Jung et al. (US 2004/0081434).

Lee et al., An Adaptive Viewing Application for the Web on Personal Digital Assistants, ACM 2003, pages 125-132.

14.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 571-272-4125. The examiner can normally be reached on Mon-Fri (8:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on 571-272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

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published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Cong-Lac Huynh
Primary Examiner
Art Unit 2178
2/15/07